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CALIFORNIA. DEPT. OF AGRICULTURE
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BULLETIN.
no. 52

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JUN 29 '84

AN INITIAL FINE OF 25 CENTS

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50 CENTS ON THE FOURTH DAY AND TO \$1.00 ON THE
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52

FERRY BUILDING

SHOWING THE MINERAL PRODUCTION OF (

COMPILED BY DAVID H. WALK

OTHER RETURNS BY F

PRODUCTS.	1887.		1888.		1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.	
	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.
Antimony.....tons	75	\$15,500	100	\$20,000	.....	.....	.....	.....	.....	.....	.....	.....	50	\$2,250	150	\$6,000	33	\$1,485	17	\$2,320	20	\$3,500	40	\$8,000
Asbestos.....tons	30	1,800	30	1,800	30	\$1,800	71	\$4,260	66	\$3,960	30	\$1,830	50	2,500	50	2,250	25	1,000	.....	.....	.....	.....	.....	.....
Asphalt.....tons	4,000	16,000	3,100	33,500	3,000	30,000	3,000	30,000	4,000	40,000	7,550	75,500	9,150	161,250	11,698	233,800	25,525	170,500	20,914	362,590	22,697	404,350	25,600	.....
Bismuth.....tons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bituminous Rock...tons	36,000	160,000	50,000	257,000	40,000	170,000	40,000	160,000	39,962	154,164	24,000	72,000	22,000	192,036	31,214	115,193	38,921	121,586	49,456	122,500	45,470	128,000	46,836	.....
Borax.....lbs.	2,029,380	116,680	2,809,088	196,636	939,650	145,473	6,402,934	480,152	8,533,337	640,000	11,050,495	838,787	7,910,563	593,292	11,540,999	807,807	11,918,000	595,900	13,508,000	675,400	16,000,000	1,080,000	16,600,000	.....
Cement.....bbls.	.....	.....	.....	.....	.....	.....	.....	.....	5,000	15,000	5,000	15,000	.....	.....	8,000	21,600	16,383	32,556	9,500	28,250	18,000	66,300	50,000	.....
Chrome.....tons	4,000	40,000	1,500	20,000	2,000	30,000	3,599	53,985	1,372	20,580	1,500	22,500	3,319	49,785	3,680	39,980	1,740	16,795	786	7,775	.....	.....	.....	.....
Clay—Brick.....M.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103,900	801,750	81,675	457,125	131,772	672,360	24,000	524,740	97,468	563,240	1,000,000	.....
Clay—Pottery....tons	75,000	37,500	75,000	37,500	75,000	37,500	100,000	50,000	100,000	50,000	100,000	50,000	24,856	67,284	28,475	35,073	37,660	39,685	41,907	62,900	24,592	30,200	28,067	.....
Coal.....tons	50,000	150,000	95,000	380,000	121,280	288,232	110,711	283,019	93,301	204,902	85,178	209,711	72,603	167,555	59,887	139,862	79,858	193,790	70,640	161,335	87,449	199,255	149,040	.....
Copper.....lbs.	1,600,000	192,000	1,570,021	235,303	151,505	18,180	23,347	3,502	3,397,455	424,675	2,980,944	342,808	239,682	21,571	738,594	72,486	225,650	21,901	1,992,844	199,519	13,638,626	1,540,666	21,543,229	.....
Fuller's Earth....tons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gems.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gold.....	13,588,614	.....	12,750,000	.....	11,212,913	.....	12,309,793	.....	12,728,869	.....	12,571,900	.....	12,422,811	.....	13,923,281	.....	15,334,317	.....	17,181,562	.....	15,871,401	.....	.....	.....
Granite.....cu. ft.	150,000	.....	57,000	.....	1,329,018	.....	1,200,000	.....	1,300,000	.....	1,000,000	.....	531,322	312,365	228,816	288,449	224,329	185,261	201,004	339,288	188,024	98,369	.....	.....
Graphite.....tons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gypsum.....tons	2,700	27,000	2,500	25,000	3,000	30,000	3,000	30,000	2,000	20,000	2,000	20,000	1,620	14,280	2,446	24,584	5,158	51,014	1,310	12,580	2,200	10,250	3,100	.....
Infusorial Earth...tons	.....	.....	.....	.....	39	1,335	.....	.....	.....	.....	.....	.....	50	2,000	51	2,040	.....	.....	.....	5	200	.....	.....	.....
Iron Ore.....tons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	250	2,000	200	1,500	.....	.....	.....	.....	.....	.....	.....	.....
Lead.....tons	580	52,200	450	38,250	470	35,720	400	36,000	570	49,020	680	54,400	333	24,975	475	28,500	796	49,364	646	38,805	298	20,264	328	.....
Lime and Limestone...	.....	368,750	.....	381,750	.....	416,780	.....	350,000	.....	300,000	.....	300,000	.....	301,276	.....	337,975	.....	457,784	.....	332,617	.....	291,456	.....	.....
Lithia Mica.....tons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....



MINING BUREAU,

SAN FRANCISCO.

BURY, STATE MINERALOGIST.

N OF CALIFORNIA FOR TWENTY=ONE YEARS.

DAVID H. WALKER, STATISTICIAN,

DIRECT RETURNS BY PRODUCERS.

1898.		1899.		1900.		1901.		1902.		1903.		1904.		1905.		1906.		1907.		Total for 21 Years.		PRODUCTS.		
VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.	VALUE.	QUANTITY.			
\$3,500	40	\$1,200	75	\$13,500	70	\$5,700	50	\$8,350												680	\$79,805	Antimony..... tons.		
	10	200	30	750	50	1,250	110	4,400				10	\$162	112	\$2,625	70	\$3,500	70	\$3,500	844	37,587	Asbestos..... tons.		
104,359	25,690	482,175	15,060	308,130	12,575	253,950	21,634	313,219	34,511	\$349,344	41,670	\$503,659	56,187	672,910	40,304	285,290	77,756	777,560	79,718	1,058,400	519,739	6,568,127	Asphalt..... tons.	
												20	2,400							20	2,400	Bismuth..... tons.		
28,173	46,836	137,575	40,321	116,097	25,306	71,495	24,052	66,354	33,490	43,411	21,944	53,106	45,280	175,680	24,753	60,436	16,077	45,204	24,122	72,835	729,204	2,494,845	Bituminous Coal..... tons.	
380,000	16,600,000	1,153,000	40,714,000	1,139,882	51,674,000	1,013,251	14,442,000	982,380	34,404,000	2,234,994	68,860,000	661,400	91,294,000	698,810	92,668,000	1,019,158	116,346,000	1,182,410	106,825,000	1,200,913	767,469,000	17,456,334	Borax..... tons.	
66,000	50,000	150,000	60,000	180,000	52,000	121,000	71,800	159,842	171,000	423,600	640,868	968,727	969,538	1,539,807	1,265,553	1,791,916	1,286,000	1,941,250	1,613,563	2,585,577	6,242,205	10,040,125	Cement..... Abds.	
			140		1,400	130	1,950	315	4,725	150	2,250	123	1,845	40	600	317	2,859	302	6,040	24,013	323,063	Chert..... tons.		
563,240	100,102	571,362	125,950	754,780	137,191	905,210	130,766	860,488	169,851	1,306,215	214,403	1,999,546	281,750	1,994,740	286,618	2,273,786	277,762	2,538,848	62,167	3,438,951	2,527,375	19,663,091	Coal - Bituminous..... Mt.	
30,290	28,947	33,747	40,600	42,700	59,636	60,956	55,679	39,144	67,933	74,163	90,972	99,907	84,149	81,952	133,805	130,146	167,267	162,283	100,385	254,454	1,571,863	1,477,184	Coal - Anthracite..... tons.	
196,255	143,045	337,475	160,941	420,109	176,956	535,531	150,724	401,772	88,460	248,622	93,026	265,383	79,062	376,494	46,500	144,500	24,850	61,600	23,734	55,849	1,913,214	5,221,996	Copper..... tons.	
540,666	21,543,229	2,475,168	23,915,486	3,990,534	29,515,512	4,748,242	34,931,788	5,501,782	27,860,162	3,239,975	19,113,861	2,520,997	29,974,154	3,969,995	16,997,489	2,650,605	28,726,448	5,522,712	32,062,945	6,341,387	291,739,742	44,034,008	Copper..... lbs.	
			620		12,400	500	3,750	1,000	19,500	987	19,246	250	4,750	500	9,500	1,344	38,000	440	10,500	100	1,000	5,741	118,646	Flint..... tons.
					500	20,500	500	40,000	510	162,100		110,500		136,000		148,500		497,090		232,642		1,347,332	Granite..... tons.	
871,401		15,906,478		15,336,031		15,863,355		16,989,044		16,910,320		16,471,264		19,109,600		19,197,043		18,732,452		16,727,928		321,138,976	Gold..... tons.	
188,024	98,369	147,732	128,924	141,070	311,803	295,772	214,943	519,285	257,650	255,239	408,625	678,670	520,687	467,472	228,738	353,837		344,083	339,431	373,376		9,986,049	Granite..... tons.	
							64	4,480	42	1,680											106	6,160	Graphite..... tons.	
19,250	3,100	23,600	3,663	14,950	2,522	10,088	3,875	38,750	10,200	53,500	6,914	46,441	8,350	56,592	12,850	54,500	21,000	69,000	8,900	57,700	109,308	698,829	Gypsum..... tons.	
200									422	2,532	2,703	16,015	6,950	112,282	3,000	15,000	2,430	11,400	2,531	28,948	18,181	194,752	Infusorial Earth..... tons.	
																			400	400	850	3,900	Iron Ore..... tons.	
20,264	328	23,907	360	30,642	520	41,600	360	28,820	175	12,230	55	3,960	62	5,270	266	25,083	169	19,307	164	16,690	8,157	635,007	Lead..... tons.	
291,456		278,558		343,760		315,231		434,133		460,140		582,268		658,956		878,647		925,887		1,162,417		9,878,385	Lime and Limestone..... tons.	
			124	4,600	440	11,000	1,100	27,500	822	31,880	700	27,300	641	25,000	25	276					3,852	127,556	Lithia Mica..... tons.	
313,087	452,691	369,082	323,590	239,867	360,597	969,570	360,882	312,974	500,929	418,549	295,105	496,173	529,690	444,628	1,449,455	902,592	1,036,164	870,887	1,544,017	1,082,302	9,873,475	7,501,205	Macadam..... tons.	

Fuller's Earth	tons																								
Gems																									
Gold		13,588,614		12,750,000		11,212,913		12,309,793		12,728,869		12,571,900		12,422,811		13,923,281		15,334,317		17,181,562		15,871,401			
Granite	cu. ft.	150,000		57,000		1,329,018		1,200,000		1,300,000		1,000,000		531,322	312,365	228,816	288,449	224,329	185,261	201,004	339,288	188,024	98,		
Graphite	tons																								
Gypsum	tons	2,700	27,000	2,500	25,000	3,000	30,000	3,000	30,000	2,000	20,000	2,000	20,000	1,620	14,280	2,446	24,584	5,158	51,014	1,310	12,580	2,200	19,250	3	
Infusorial Earth	tons					39	1,335							50	2,000	51	2,040				5	200			
Iron Ore	tons													250	2,000	200	1,500								
Lead	tons	580	52,200	450	38,250	470	35,720	400	36,000	570	49,020	680	54,400	333	24,975	475	28,500	796	49,364	646	38,805	298	20,264		
Lime and Limestone		368,750		381,750		416,780		350,000		300,000		300,000		301,276		337,975		457,784		332,617		291,456			
Lithia Mica	tons																								
Macadam	tons													271,500	256,875	441,967	369,438	840,650	700,987	646,646	510,245	487,911	313,087	452	
Magnesite	tons	600	9,000	600	9,000	600	9,000	600	9,000	1,500	15,000	1,500	15,000	1,093	10,930	1,440	10,240	2,200	17,000	1,500	11,000	1,143	12,671	1	
Manganese	tons	1,000	9,000	1,500	13,500	53	901	386	3,176	705	3,830	300	3,000	270	4,050	523	5,512	880	8,200	518	3,415	504	4,080		
Marble	cu. ft.	5,000		5,000		87,030		80,000		100,000		115,000		40,000	38,441	98,326	14,864	56,566	7,889	32,415	4,102	7,280	8		
Mica	tons																								
Mineral Paint	tons							40	480	22	880	25	750	590	26,795	610	14,140	750	8,425	395	5,540	578	8,165		
Mineral Water	gals.	618,162	144,368	1,112,202	252,990	808,625	252,241	258,722	89,786	334,553	135,959	331,875	162,019	383,179	90,667	402,275	184,481	701,397	291,500	808,843	337,434	1,508,192	345,863	1,429	
Natural Gas	M. cu. ft.				10,000		12,680		33,000		30,000		55,000		68,500		79,072		112,000		111,457		62,657		
Onyx and Travertine		900		900		900		1,500		2,400		1,800		27,000		20,000		12,000		24,000					
Paving Blocks	M.													2,770	96,950	2,517	66,981	2,332	73,338	4,161	77,584	1,711	35,235	1	
Petroleum	bbls.	678,572	1,357,144	690,333	1,380,666	303,220	368,048	307,360	384,200	323,600	401,264	385,049	561,333	470,179	608,092	783,078	1,064,521	1,245,339	1,000,235	1,257,780	1,180,793	1,911,569	1,918,269	2,249	
Platinum	ozs.	100	400	500	2,000	500	2,000	600	2,500	100	500	80	440	75	517	100	600	150	900	162	944	150	900		
Pyrites	tons																							6	
Quartz Crystals	lbs.																								
Quicksilver	flasks	33,760	1,425,000	33,250	1,413,125	26,464	1,190,500	22,926	1,203,615	22,904	1,036,386	27,993	1,139,600	30,164	1,108,527	30,416	934,000	36,104	1,337,131	30,765	1,075,449	26,648	993,445	31	
Rubble	tons													99,600	199,200	219,933	295,400	414,038	394,952	313,973	329,639	333,212	287,025	724	
Salt	tons	28,000	112,000	30,800	92,400	21,000	63,000	8,729	57,085	20,094	90,303	23,570	104,788	50,500	213,000	49,131	140,087	53,031	150,576	64,743	153,244	67,851	157,520	93	
Sand—Glass	tons																								
Sand—Quartz	tons																								
Sandstone	cu. ft.	175,000		150,000		175,598		100,000		100,000		50,000		26,314		113,592		35,373		28,379		24,086			
Serpentine	cu. ft.																	4,000	4,000	1,500	6,000	2,500	2,500		
Silver		1,632,003		1,700,000		754,793		1,060,613		953,157		463,602		537,157		297,332		599,789		422,463		452,789			
Slate	squares					4,500	18,089	4,000	24,000	4,000	24,000	3,500	21,000	3,000	21,000	1,800	11,700	1,350	9,450	500	2,500	400	2,800		
Soapstone	tons													400	17,750			25	375						
Soda	tons																1,530	20,000	1,900	47,500	3,000	65,000	5,000	110,000	7
Sulphur	tons																								
Tin	lbs.									125,289	27,564	162,000	32,400												
Tungsten																									
Zinc																									
Totals		\$19,785,868		\$19,469,320		\$16,681,731		\$18,039,666		\$18,872,413		\$18,300,168		\$18,811,261		\$20,203,294		\$22,844,663		\$24,291,398		\$25,142,441			

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